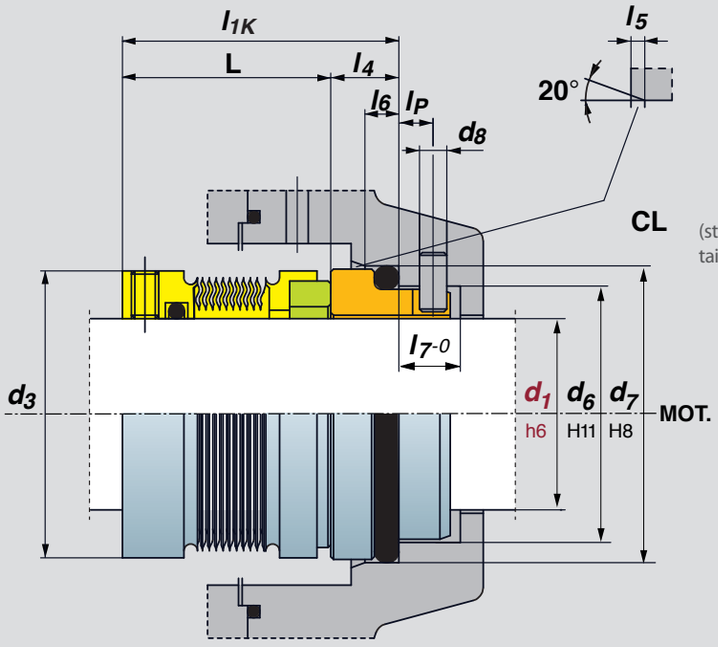

(stationary seal ring with extended tail and slot).

UNITEN EN 12756

TYPE R580 - R581

d_1	d_3	d_6	d_7	d_8	l_{1K}	L	l_4	l_6	l_5	l_7	l_P
16	30.0	23	27	3	42.5	32.5	10.0	4	1.5	9	5
18	32.0	27	33	3	42.0	30.5	11.5	5	2.0	9	5
20	33.5	29	35	3	42.0	30.5	11.5	5	2.0	9	5
22	36.5	31	37	3	42.0	30.5	11.5	5	2.0	9	5
24	39.0	33	39	3	40.0	28.5	11.5	5	2.0	9	5
25	39.6	34	40	3	40.0	28.5	11.5	5	2.0	9	5
28	42.8	37	43	3	42.5	31.0	11.5	5	2.0	9	5
30	45.0	39	45	3	42.5	31.0	11.5	5	2.0	9	5
32	46.0	42	48	3	42.5	31.0	11.5	5	2.0	9	5
33	48.0	42	48	3	42.5	31.0	11.5	5	2.0	9	5
35	49.2	44	50	3	42.5	31.0	11.5	5	2.0	9	5
38	52.3	49	56	4	45.0	31.0	14.0	6	2.0	9	5
40	55.5	51	58	4	45.0	31.0	14.0	6	2.0	9	5
43	57.5	54	61	4	45.0	31.0	14.0	6	2.0	9	5
45	58.7	56	63	4	45.0	31.0	14.0	6	2.0	9	5
48	61.9	59	66	4	45.0	31.0	14.0	6	2.0	9	5
50	65.0	62	70	4	47.5	32.5	15.0	6	2.5	9	5
53	68.2	65	73	4	47.5	32.5	15.0	6	2.5	9	5
55	70.0	67	75	4	47.5	32.5	15.0	6	2.5	9	5
58	71.7	70	78	4	52.5	37.5	15.0	6	2.5	9	5
60	74.6	72	80	4	52.5	37.5	15.0	6	2.5	9	5
63	79.0	75	83	4	52.5	37.5	15.0	6	2.5	9	5
65	84.1	77	85	4	52.5	37.5	15.0	6	2.5	9	5
68	87.3	81	90	4	52.5	34.5	18.0	6	2.5	9	5
70	87.3	83	92	4	60.0	42.0	18.0	7	2.5	9	5
75	95.0	88	97	4	60.0	42.0	18.0	7	2.5	9	5
80	98.4	95	105	4	60.0	41.8	18.2	7	3.0	9	5
85	104.7	100	110	4	60.0	41.8	18.2	7	3.0	9	5
90	111.0	105	115	4	65.0	46.8	18.2	7	3.0	9	5
95	114.0	110	120	4	65.0	47.8	17.2	7	3.0	9	5
100	117.4	115	125	4	65.0	47.8	17.2	7	3.0	9	5

Dimensions in mm.

TYPE R580 COMPONENTS	STANDARD MATERIALS			
Metal Bellows	L3			
Metalic parts	X1			
Rotary seal ring	K1	R1	V2	V3
Stationary seal ring	K1	R1	V2	V3
Gaskets	E1	W1	Y1	

TYPE R581 COMPONENTS	STANDARD MATERIALS			
Metal Bellows	L1			
Metalic parts	L1			
Rotary seal ring	K1	R1	V2	V3
Stationary seal ring	K1	R1	Z1	
Gaskets	E1	W1	Y1	

is a welded metal bellow seal bidirectional that does not have a dynamic O-Ring on the shaft and can avoid the leakage problems due to the hanging of elastomer on the shaft. The bellow form gives a good balancing factor to the seal. This seal can work with high and very low temperature or viscous liquids and slurries.

MAX. WORKING CONDITIONS

These depend on: ø shaft, pressure, speed, temperature and fluid to be sealed. See page 74.

p ≤ 20 bar
t = –50 ÷ 280°C
v ≤ 15 m/s